

## Claims

1. A lysophosphatidic acid (LPA) receptor comprising G protein-coupled protein p2y9.
2. The LPA receptor according to Claim 1, wherein the LPA is 1 - acyl - LPA.
3. The LPA receptor according to Claim 1 or 2, wherein p2y9 has an amino acids sequence of SEQ ID NO:1 in the sequence listing.
4. A use of the G protein-coupled protein p2y9 as a lysophosphatidic acid (LPA) receptor.
5. The use according to Claim 4, wherein LPA is 1 - acyl - LPA.
6. The use according to Claim 4 or 5, wherein p2y9 has an amino acids sequence of SEQ ID NO:1 in the sequence listing.
7. A method for screening an agonist or an antagonist to the LPA receptor using the LPA receptor as claimed in any one of Claims 1 to 3.
8. The method according to Claim 7, wherein the method is to screen the antagonist in use for carcinoma cell invasion.